

Contents of Volume 44

Numbers 1-2

- 1 Chopping Temperature Effects on the Characteristics and Chilled Storage of Low- and High-fat Pork Bologna Sausages
F. J. COLMENERO, A. V. CARRASCOSA, G. BARRETO, P. FERNANDEZ & J. CARBALLO (Spain)
- 11 Effect of Post-slaughter Processing and Freezing on the Functionality of Hot-boned Meat from Young Bull
J. A. BOLES & J. E. SWAN (New Zealand)
- 19 Release of Free Amino-acids During Ageing in Bovine Meat
C. FEIDT, A. PETIT, F. BRUAS-REIGNIER & J. BRUN-BELLUT (France)
- 27 Enzymological Investigations on the Causes for the PSE-syndrome, I. Comparative Studies on Pyruvate Kinase from PSE- and Normal Pig Muscles
F. SCHWÄGELE, C. HASCHKE, K. O. HONIKEL & G. KRAUSS (Germany)
- 41 Enzymological Investigations on the Causes for the PSE-syndrome, II. Comparative Studies on Glycogen Phosphorylase from Pig Muscles
F. SCHWÄGELE, P. L. LOPEZ BUESA & K. O. HONIKEL (Germany)
- 55 Omega-3 Fatty Acids in Pig Nutrition: Implications for the Intrinsic and Sensory Quality of the Meat
M. J. VAN OECKEL, M. CASTEELS, N. WARNANTS, L. VAN DAMME & CH. V. BOUCQUÉ (Belgium)
- 65 Monitoring Nitrite and Nitrate Residues in Frankfurters During Processing and Storage
M. L. PÉREZ-RODRÍGUEZ, N. BOSCH-BOSCH & M. GARCÍA-MATA (Spain)
- 75 Prediction of Carcass Composition in the Rabbit
P. HERNÁNDEZ, M. PLA & A. BLASCO (Spain)
- 85 Carcass Composition and Meat Characteristics of Two Rabbit Breeds of Different Degrees of Maturity
M. PLA, P. HERNÁNDEZ & A. BLASCO (Spain)
- 93 Prediction of Composition Traits of Young Charolais Bull Carcasses Using a Morphometric Method
E. LAVILLE, V. MARTIN & O. BASTIEN (France)
- 105 Effects of Breed, Feed Level and Conditioning Time on the Tenderness of Pork
J. D. WOOD, S. N. BROWN, G. R. NUTE, F. M. WHITTINGTON, A. M. PERRY, S. P. JOHNSON & M. ENSER (UK)
- 113 Veal Colour Assessment with Three Wavelengths
J. APORTA, B. HERNÁNDEZ & C. SANUDO (Spain)
- 125 Incorporation of Dietary Polyunsaturated Fatty Acids in Pork Tissues and its Implications for the Quality of the End Products
N. WARNANTS, M. J. VAN OECKEL & CH. V. BOUCQUÉ (Belgium)

Number 3

- 145 High-pressure Effects on Oxidation of Nitrosylmyoglobin
L. BRUUN-JENSEN & L. H. SKIBSTED (Denmark)
- 151 Post-mortem Kinetics of Meat Tenderness and the Components of the Calpain System in Bull Skeletal Muscle
B. C. THOMSON, P. M. DOBBIE, K. SINGH & P. A. SPECK (New Zealand)
- 159 Lean Colour of Green and Matured Parma Hams: Comparative Evaluation and Technological Relevance of Sensory and Objective Data
R. CHIZZOLINI, E. NOVELLI, G. CAMPANINI, G. DAZZI, G. MADARENA, E. ZANARDI, M. T. PACCHIOLI & A. ROSSI (Italy)
- 173 Production of Salami from Ostrich Meat with Strains of *Lactobacillus sake*, *Lactobacillus curvatus* and *Micrococcus* sp.
H. M. BÖHME, F. D. MELLETT, L. M. T. DICKS & D. S. BASSON (South Africa)
- 181 Risk Factors Associated with Bruising in Red Deer at a Commercial Slaughter Plant
J. G. JAGO, A. L. HARGREAVES, R. G. HARCOURT & L. R. MATTHEWS (New Zealand)
- 193 Cassava as a Non-conventional Filler in Comminuted Meat Products
I. E. ANNOR-FREMPONG, A. ANNAN-PRAH & R. WIREDU (Ghana)
- 203 Cured Colour Development during Sausage Processing
J. CHASCO, G. LIZASO & M. J. BERIAIN (Spain)
- 213 Consumer Assessment of the Effect of Electrical Stimulation on the Colour and Colour Stability of *Semimembranosus* Muscles
V. H. POWELL, R. F. DICKINSON, W. R. SHORTHORSE & P. N. JONES (Australia)
- 225 Book Review

Number 4

- 227 Dry Fermented Sausages Elaborated with *Lactobacillus plantarum*-*Staphylococcus carnosus*
Part I: Effect of Partial Replacement of NaCl with KCl on the Stability and the Nitrosation Process
C. IBÁÑEZ, L. QUINTANILLA, C. CID, I. ASTIASARAN & J. BELLO (Spain)
- 235 Determination of the Flavor Attributes of Cooked Beef from Cross-bred Angus Steers Fed Corn- or Barley-based Diets
R. K. MILLER, L. C. ROCKWELL, D. K. LUNT & G. E. CARSTENS (USA)
- 245 Taste Compounds in Chorizo and their Changes during Ripening
J. MATEO, M. C. DOMÍNGUEZ, M. M. AGUIRREZÁBAL & J. M. ZUMALACÁRREGUI (Spain)
- 255 Volatile Compounds in Chorizo and their Changes during Ripening
J. MATEO & J. M. ZUMALACÁRREGUI (Spain)
- 275 Uptake of α -Tocopherol in Porcine Plasma and Tissues
P. A. MORRISSEY, D. J. BUCKLEY, H. SISK, P. B. LYNCH & P. J. A. SHEEHY (Republic of Ireland)
- 285 Polymerase Chain Reaction for Detection of Male Tissue in Pork Products
D. P. MEER & T. J. EDDINGER (USA)
- 293 Formulation of a Cured Meat Product by the Dewatering-Impregnation Soaking (DIS) Process: Mass Transfer Study and Assessment of Product Quality
F. DEUMIER, N. ZAKHIA & A. COLLIGNAN (France)

- 307 The Relationship between Muscularity, Muscle:Bone Ratio and Cut Dimensions in Male and Female Lamb Carcasses and the Measurement of Muscularity using Image Analysis
D. L. HOPKINS (Australia)



